

Figure 1

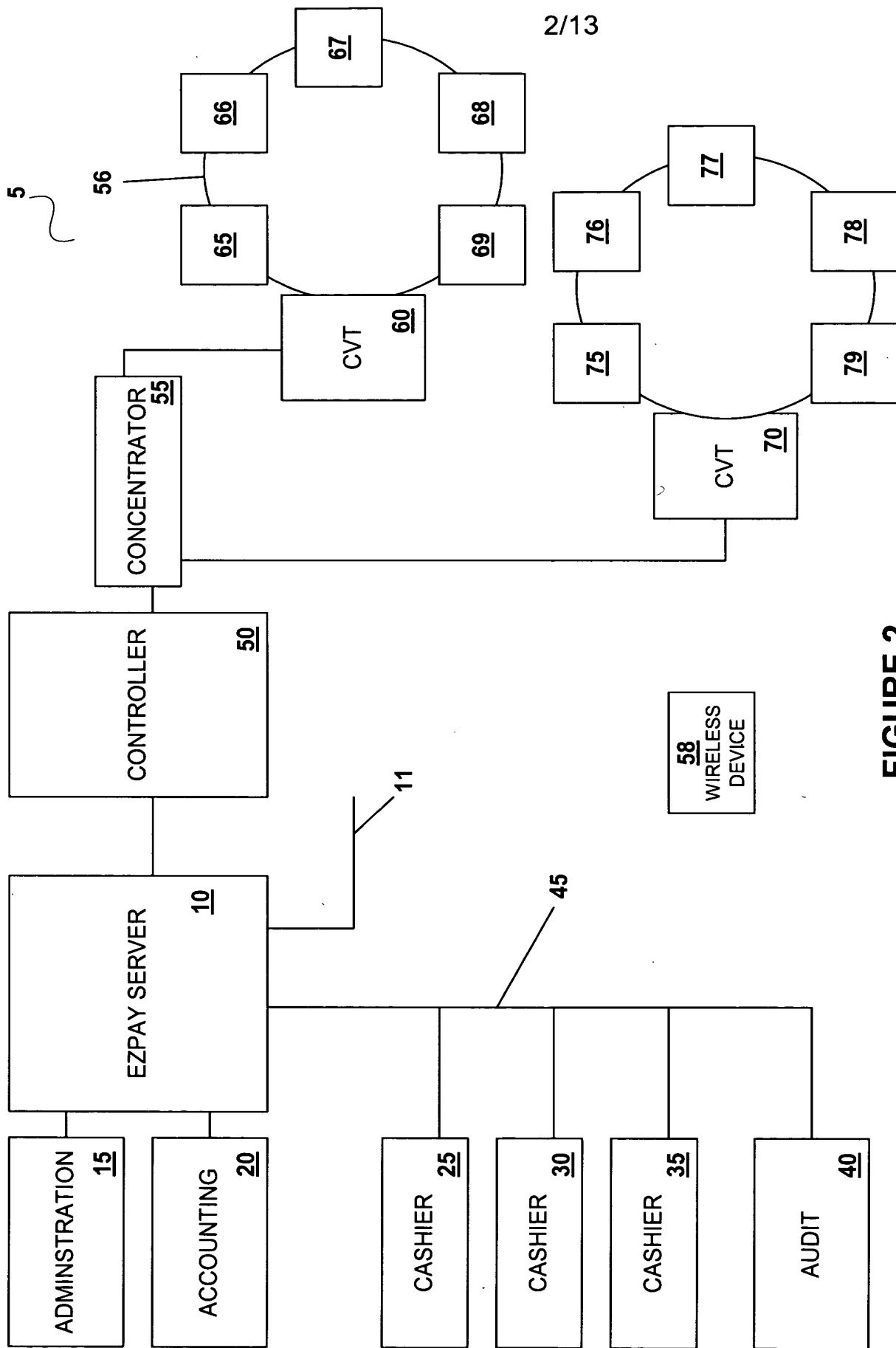


FIGURE 2

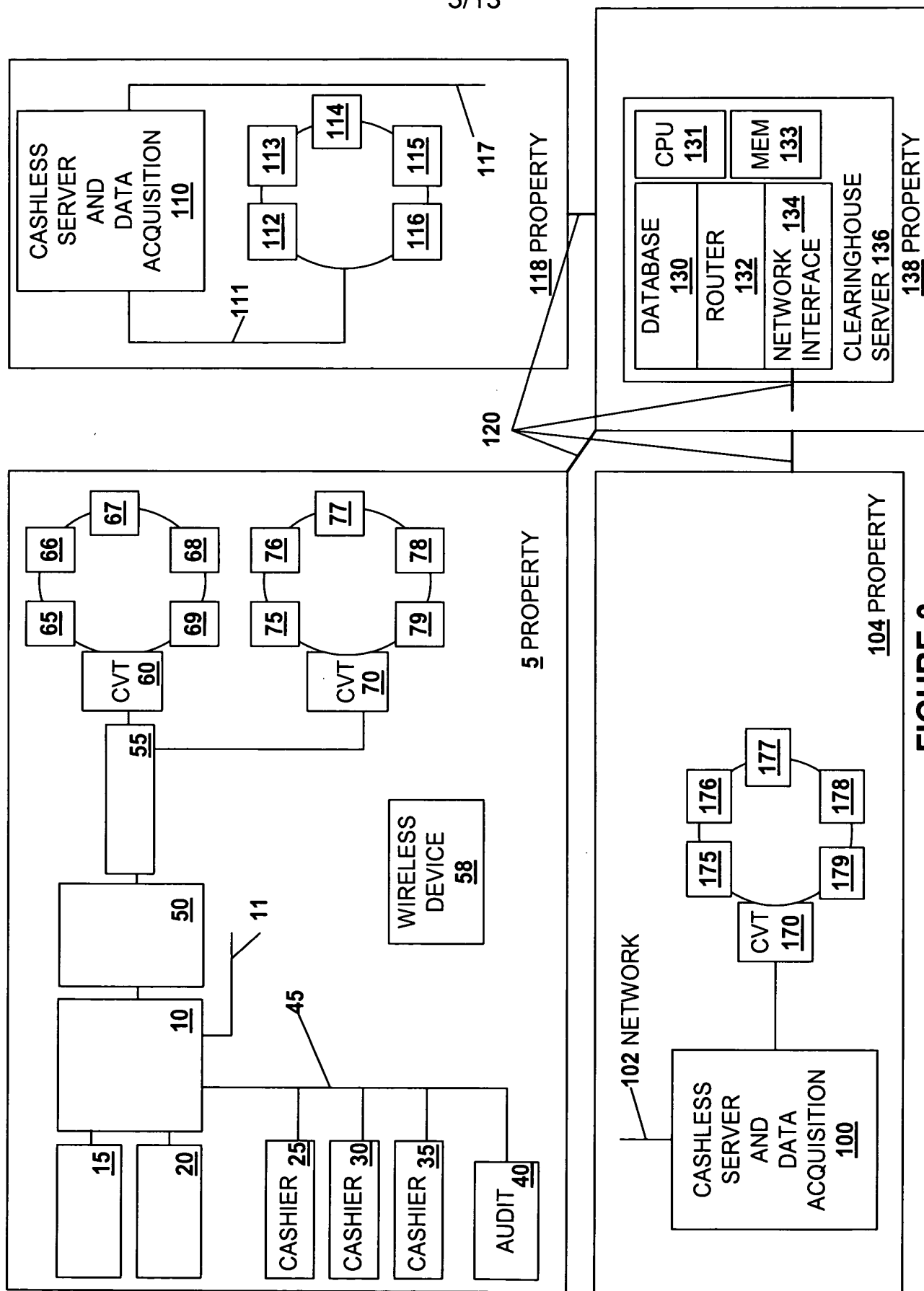


FIGURE 3

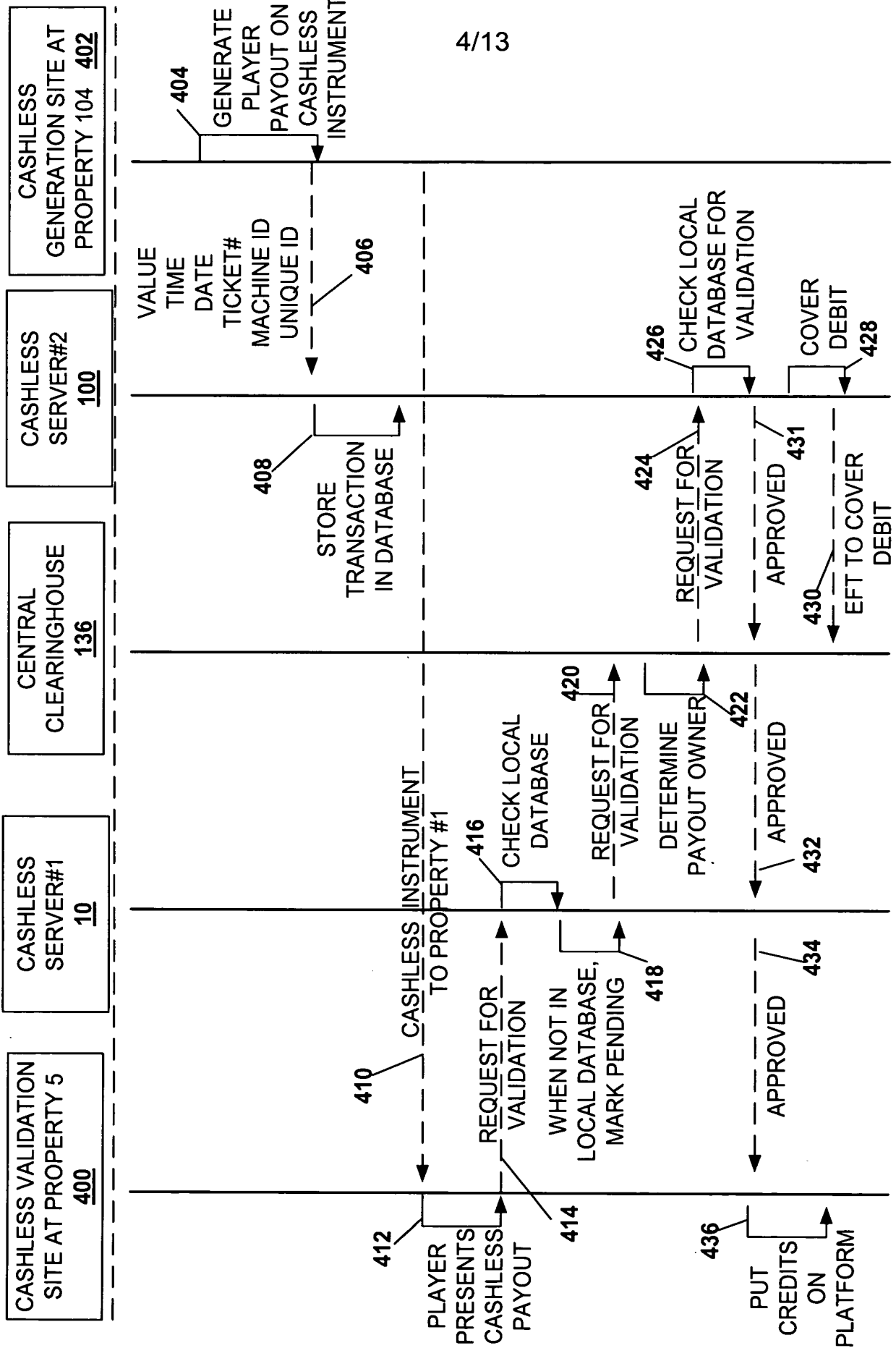


FIGURE 4

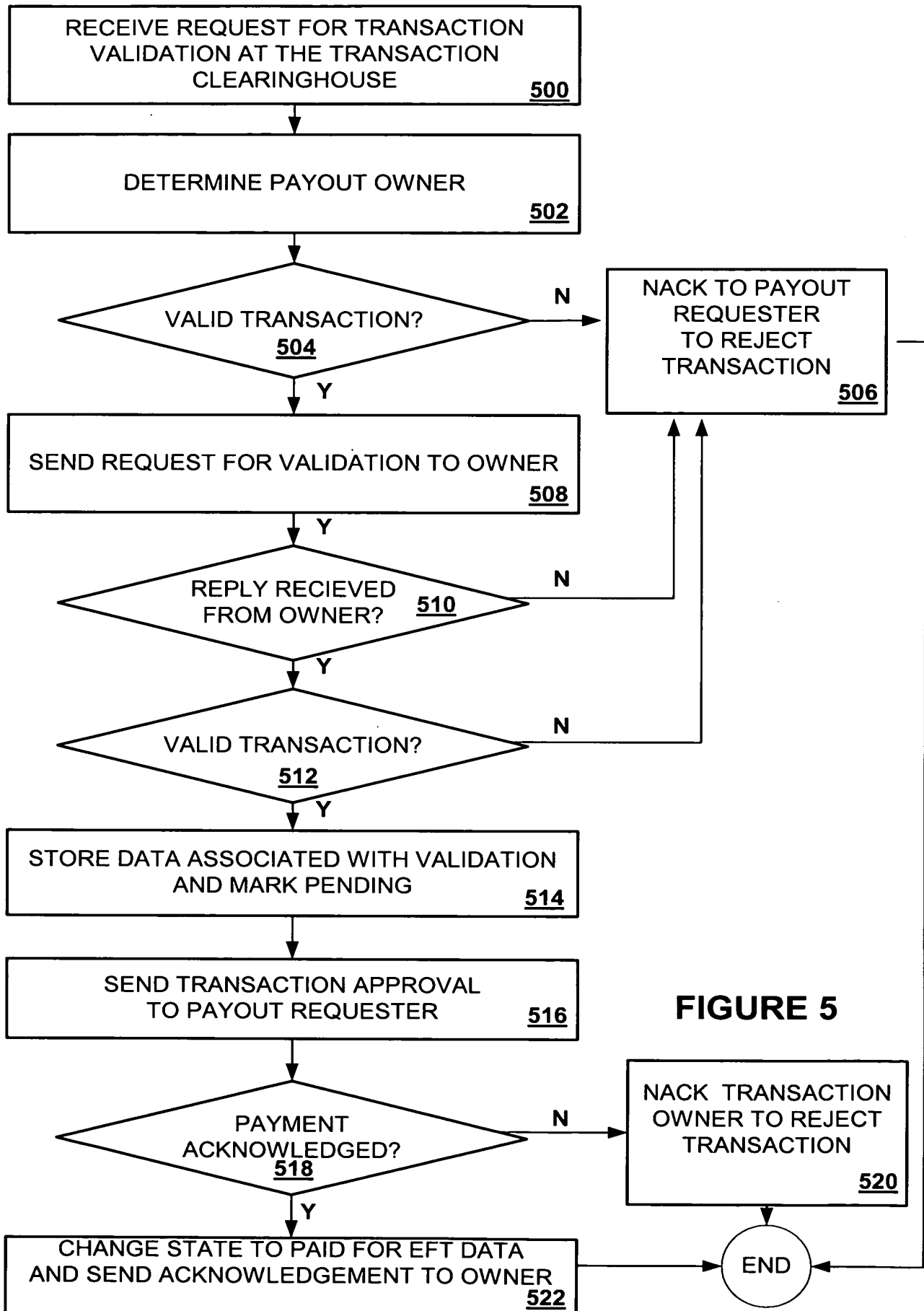


FIGURE 5

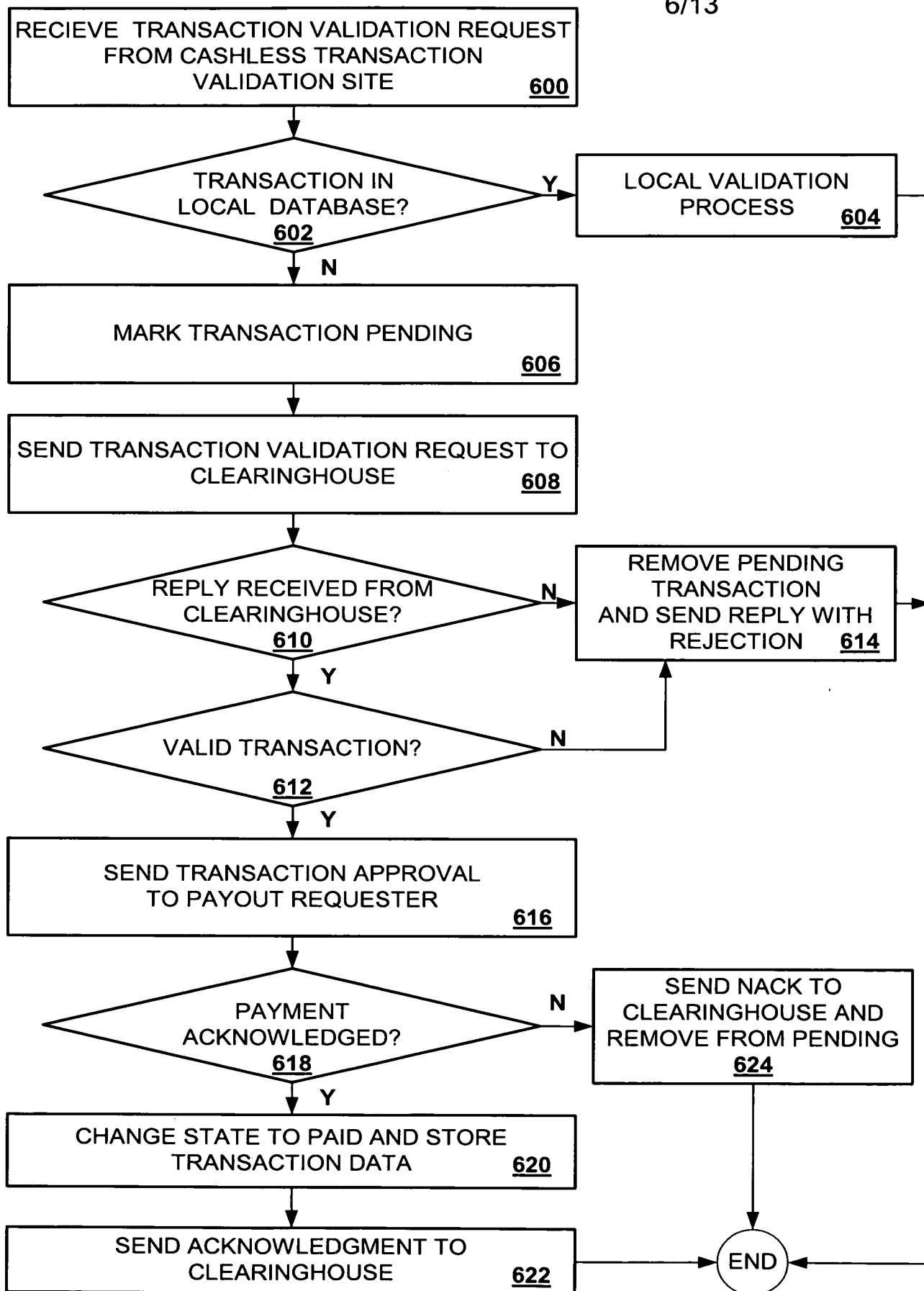
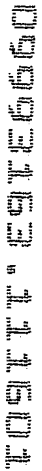


FIGURE 6



0991163

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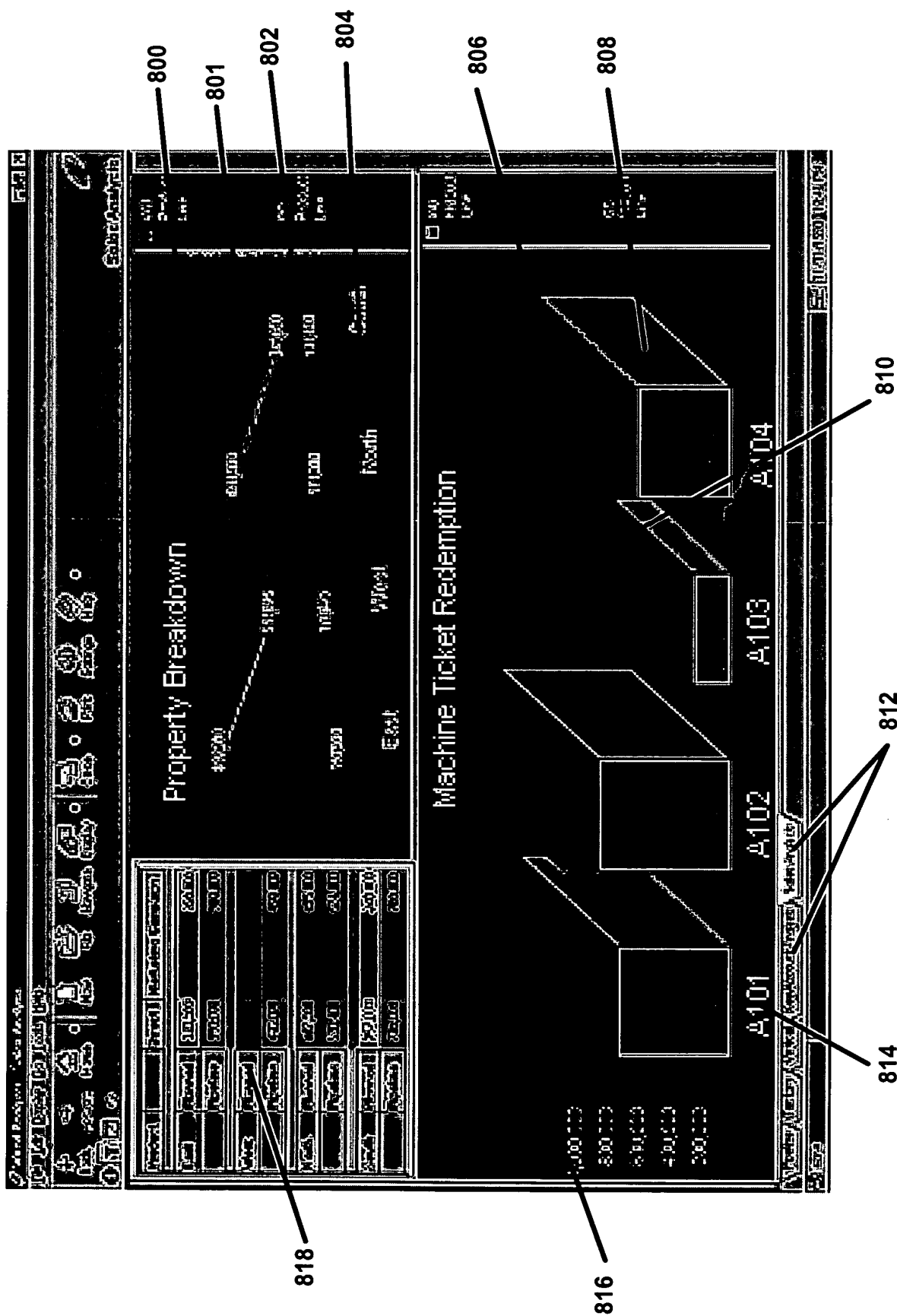


FIGURE 8



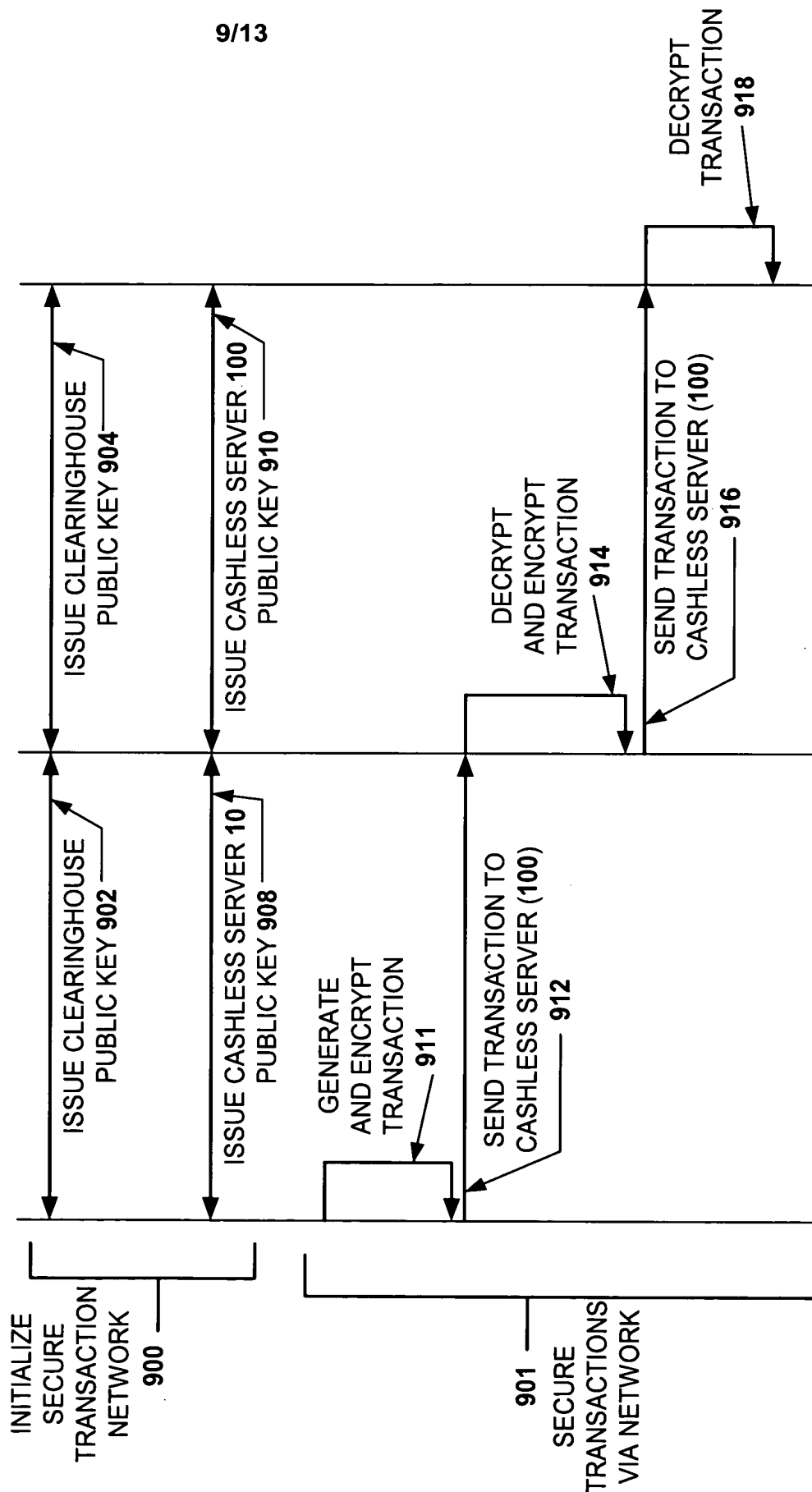


FIGURE 9

0993163-11601

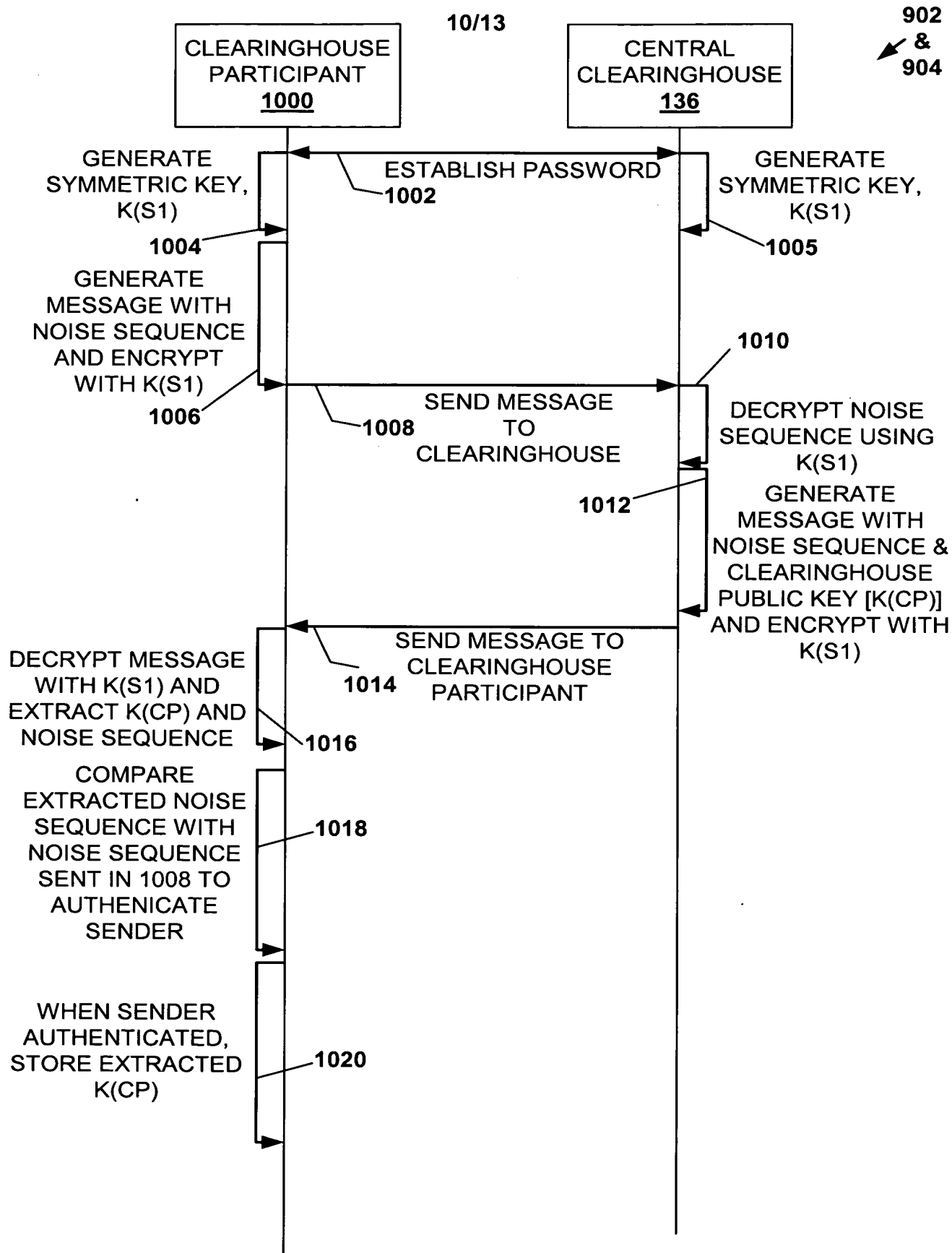
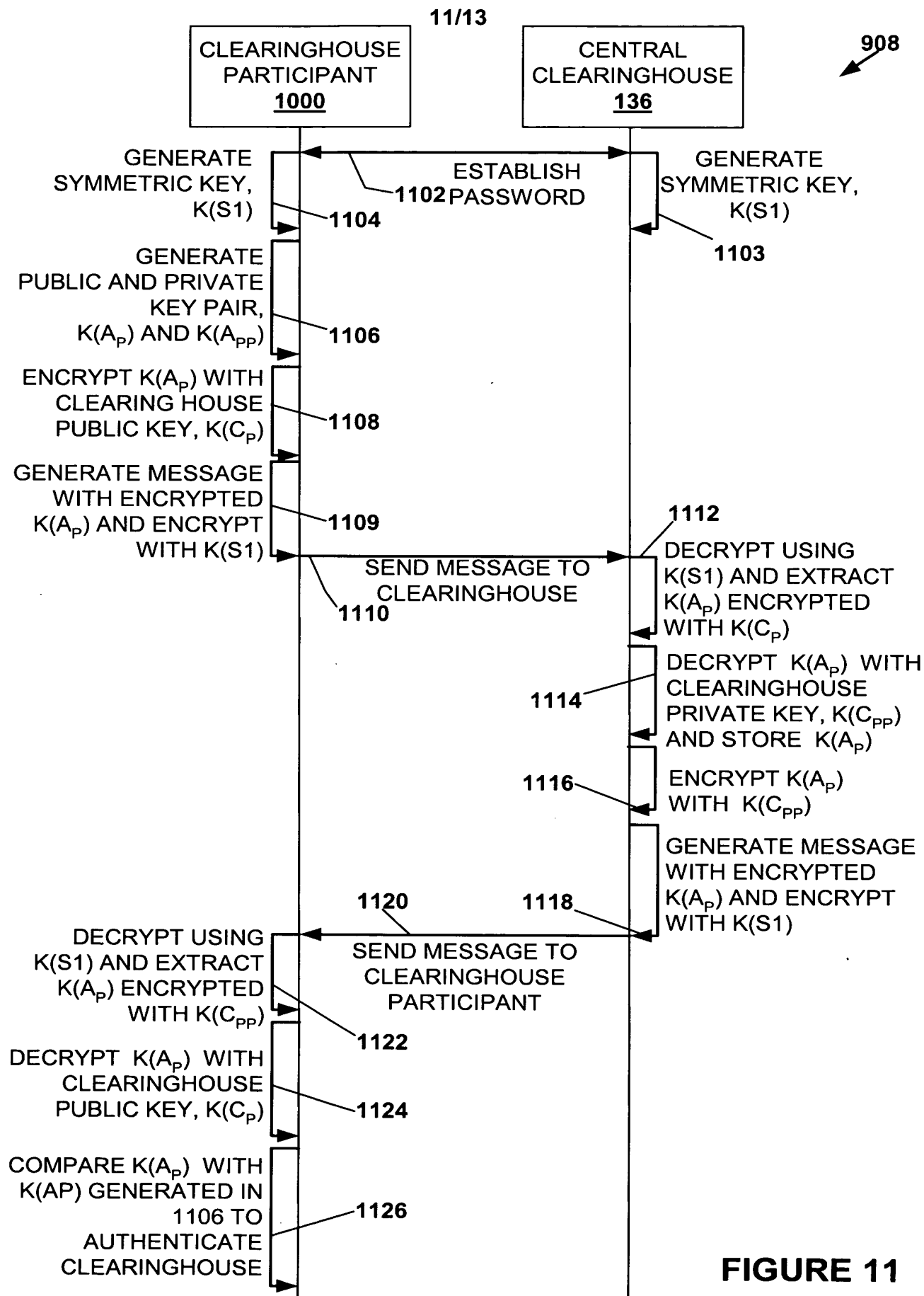


FIGURE 10

099716-1160



**FIGURE 11**

$K(S1)$ -SYMMETRIC KEY  
 $K(S2)$ -SYMMETRIC KEY  
 $K(A_p)$ -PARTICIPANT A, PUBLIC KEY  
 $K(A_{pp})$ -PARTICIPANT A, PRIVATE KEY  
 $K(B_p)$ -PARTICIPANT B, PUBLIC KEY  
 $K(B_{pp})$ -PARTICIPANT B, PRIVATE KEY  
 $K(C_p)$ -CLEARINGHOUSE, PUBLIC KEY  
 $K(C_{pp})$ -CLEARINGHOUSE, PRIVATE KEY

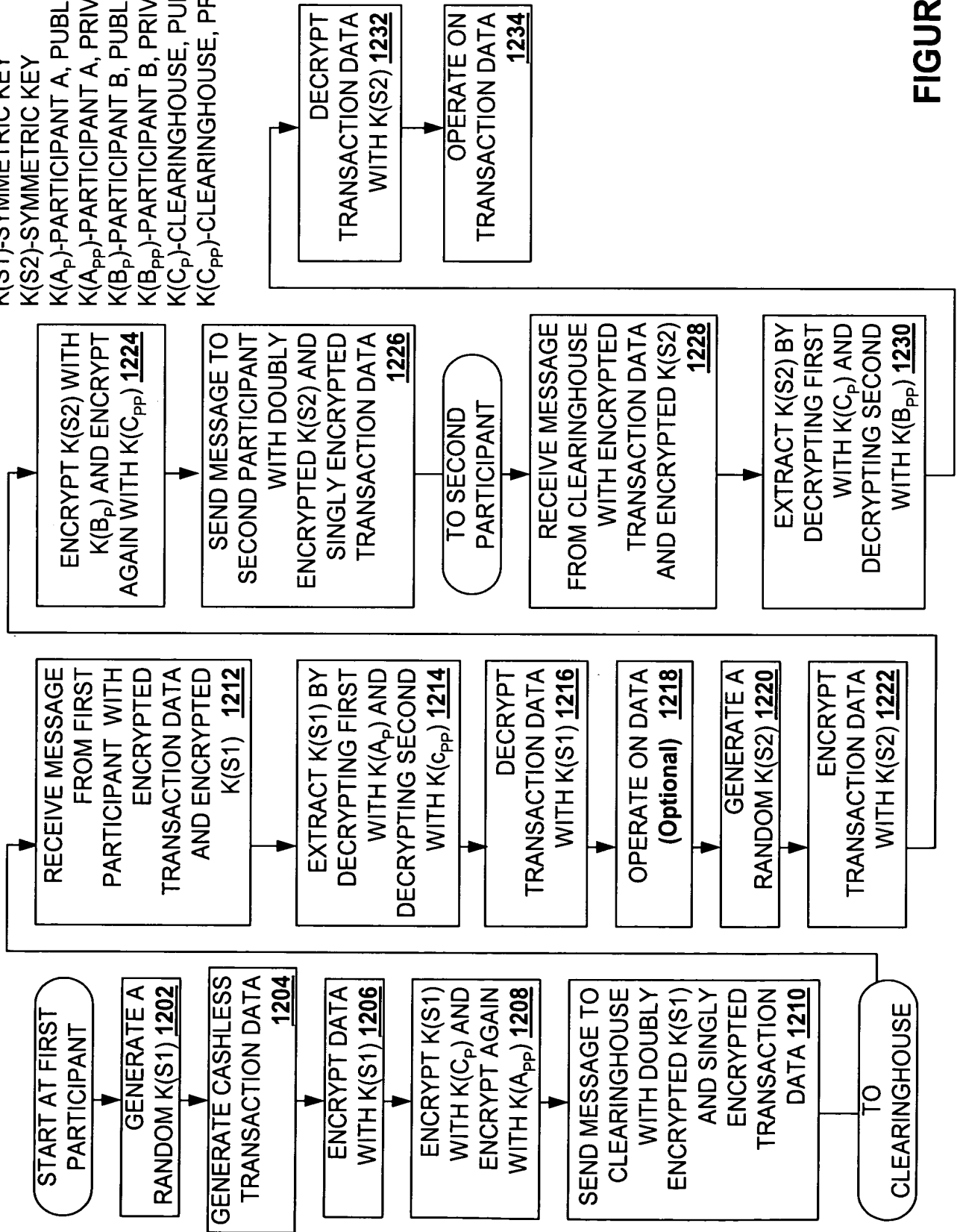


FIGURE 12A

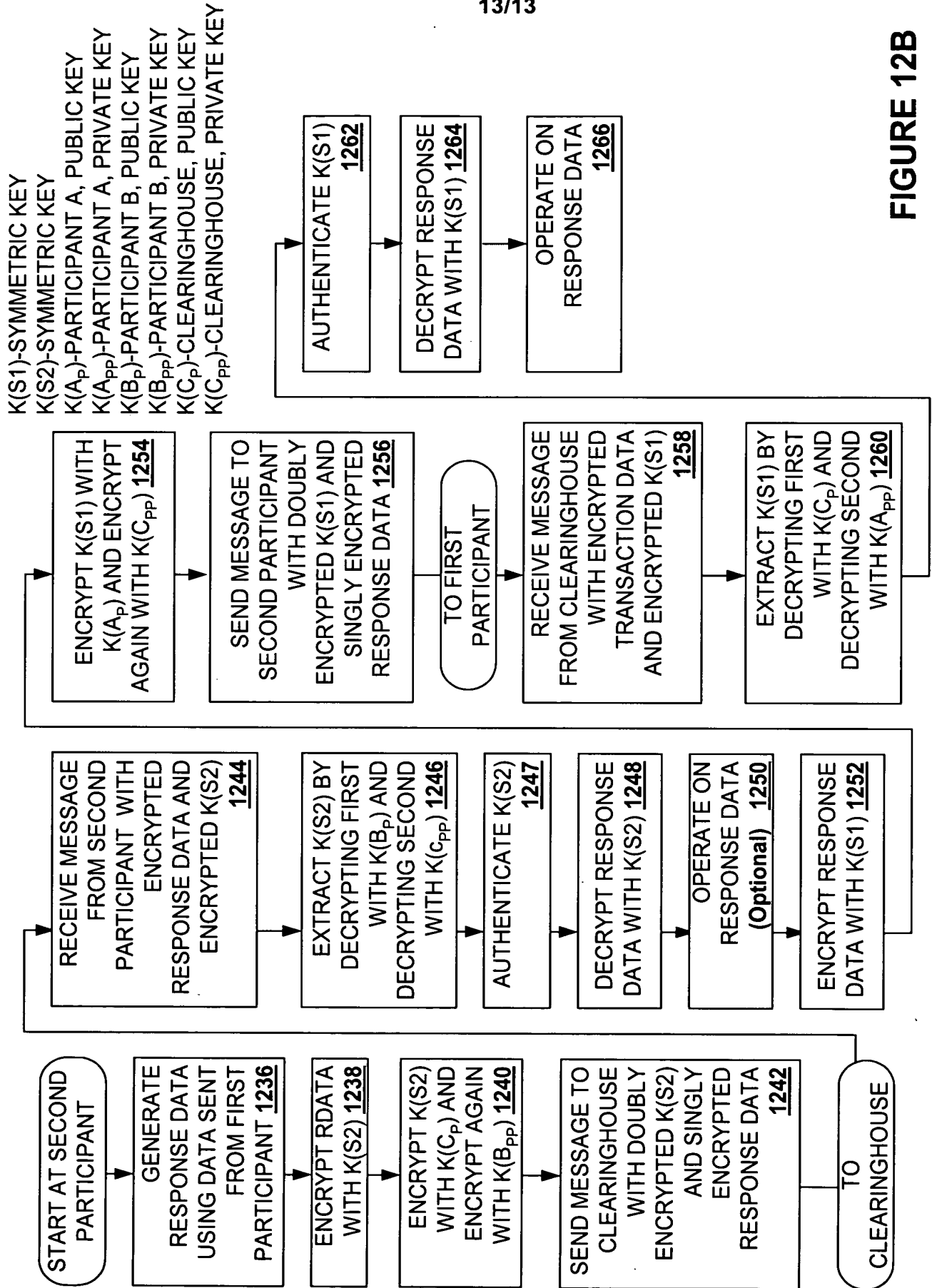


FIGURE 12B